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CURRICULUM VITAE

Name: Joel Mokyr

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Born: July 26, 1946 (Leyden, the Netherlands)

Citizenship: U.S.

Marital Status: Married (two children)

B.A.: Hebrew University of Jerusalem, 1968 (cum laude)
Economics and History

M. Phil.: Yale University, 1972. Economics

Ph.D.: Yale University, 1974. Economics

Dissertation Topic: "Industrial Growth and Stagnation in the Low Countries, 1800-1850." Awarded a Distinction.

Date of Completion: August 1974

Dissertation Committee: William N. Parker (Chairman)
John C.H. Fei
Lloyd G. Reynolds

Employment History and Past Positions:

Acting Instructor, Yale University, 1972-73

Assistant Professor of Economics, Northwestern University, 1974-77.

Associate Professor of Economics, Northwestern University, 1978-80.

Visiting Associate Professor of Economics, Stanford University, 1979-80.

Professor of Economics, Northwestern University, 1980-1981.

Visiting Associate Professor, Graduate School of Business, University of Chicago, 1981.

Visiting Professor of Economics, Harvard University, 1982-83.

Visiting Professor of Economics, University College of Dublin, Spring 1986.

Visiting Professor of Economics, Hebrew University of Jerusalem, Spring 1993

Professor of Economics and History, Northwestern University, 1981-1994.

John Simon Visiting Professor of History, University of Manchester, April 1996.

Visiting Professor of Economics, University of Tel Aviv, Spring 1997, 2000, 2003

Departmental Chair, Department of Economics, Northwestern University, 1998-2001.

Fellow, Center for Advanced Studies in the Behavioral Sciences, 2001-02.

Current Positions:

Robert H. Strotz Professor of Arts and Sciences and Professor of Economics and History, Northwestern University, 1994-present.

Sackler Professorial Fellow, Eitan Berglas School of Economics, University of Tel Aviv, 2001-present

Special Awards:

Research Grants from the Concilium on International and Area Studies, 1972-73, 1973-74.

Research Grants, Northwestern University Research Committee, 1975-77.

National Science Foundation Grant, SOC78-06710,
July 15, 1978 - December 31, 1981.

John Simon Guggenheim Memorial Foundation Fellowship,
1980-81.

National Science Foundation Grant SES-850004,
1986-87.

National Science Foundation Grant SES 9122384, 1992-94.

Searle Foundation Grant, 2003-2005.

BSF grant, 2011-2014

Professional Honors:

Member, Board of Editors, Explorations in Economic History, 1983-89.

Member, Board of Editors, Journal of Economic History, 1984-90.

Member, Board of Editors, Historical Methods, 1987-1990

Trustee, World Cliometrics Association, 1985-86.

Clio Award for exceptional service to Cliometrics, 1987.

Trustee, Economic History Association, 1989-97

Editor in Chief, Princeton Economic History of the Western World, 1993 - present.

Editor in Chief, Oxford Encyclopedia of Economic History, 1995-2003.

Co-editor, *Journal of Economic History*, June 1994 - July 1998.

Co-editor, series in economic history, Westview Press, 1995-present

Member, National Science Foundation Advisory Panel for Economics, 1993-95.

Member, American Historical Association Advisory Panel for NASA fellowships, 1994-present

Vice President, Economic History Association, 1993-94.

Member, American Academy of Arts and Sciences, from 1996.

Member, Canadian Institute for Advanced Research, Advisory Committee, Economic growth and Policy Program from 1996.

Chair, Canadian Institute for Advanced Research, Advisory Committee, Institutions and Political Economy group from 2002.

Elected foreign member, Royal Dutch Academy of Sciences (*Koninklijke Nederlandse Academie van Wetenschappen)*, 2001.

President, Economic History Association, 2002-2003.

Associate Editor, *European Economic Review*, 2001-2010.

Member, board of associate editors, *Industrial and Corporate Change*.

Member , board of advisory editors, *Economia Politica* (Bologna)

Elected foreign member, Social Science section, *Accademia Nazionale dei Lincei* (Italy), 2004.

Winner, biennial Heineken Prize for History, awarded by the Royal Dutch Academy of Sciences, 2006.

Elected, President, Midwestern Economic Association, 2008-09.

Elected, Fellow, the Cliometric Society, 2010 (first class ever).

Elected, Fellow, Econometric Society, 2011.

Member, selection committee for new fellows, American Academy of Arts and Science (Economics section), 2009, 2014.

Member, Advisory Board, UBS International Center of Economics in Society, University of Zurich, 2014-

Honorary Member, European Society of the History of Economic Thought (ESHET), 2016

Winner, International Balzan Prize for Economic History, 2015.

President, Atlantic Economic Association (2015-16)

Elected, corresponding member, British Academy, 2016.

Elected, Distinguished Fellow of the American Economic Association, 2018.

Doctorate *honoris causa*, National University of Uruguay, 2018.

Professional Activities and Lectures (Selected):

Chair, program committee, Economic History Association Annual Meeting, 1976.

Local coordinator and program committee co-chairman, first International Congress of Cliometrics, 1984.

Convenor, dissertation session, Economic History Association, 1984.

Invited participant, commentator, and session chairman, Annual Cliometrics Conference (15 times since 1974). Economic History Association meetings (5 times since 1974), Social Science History Association meetings (5 times since 1974), American Economic Association, American Historical Association, All U.C. Conference in Economic History (3 times since 1983).

Invited Participant, Conference in Honor of David Landes, Bellagio, Italy, August 28 - Sept. 2, 1987.

Invited plenary speaker, Economic History Society (Britain) annual convention, Belfast, 1987.

Program Committee (in charge of economic history sessions), Social Science History Association meeting, 1989.

Biannual Davidson Lecture, Australian Economic History Association, Sydney 1990.

Invited speaker, plenary session, Annual Meeting of the Economic History Association, Boulder, Sept. 1991.

Chair, program committee, Annual Meeting of the Economic History Association, Boston, Sept. 1992.

Program Committee Chair and Local Coordinator, Cliometrics Conference, Evanston, May 1993.

Chair and invited commentator, plenary session of "New Approaches to Economic Growth," Economic History Association Meetings, Tucson, Oct. 1993.

Centennial Harold Innis Lectures, University of Toronto, December 1994.

Introductory Plenary Lecture, International Conference on Hunger, New York University, May 19-20, 1995.

Chair, Commentator, and Organizer, AEA session on "New Growth Theory and Economic History: Match or Mismatch?", January 1996.

John Hicks lecture, Oxford University, May 1996.

Chief Lecturer, European Summer Institute in Economic history, Terme Montecatini, June 1996, Lisbon, July 1999.

Samuel Schrage Memorial Lecture in the History of Science and Technology, University of Illinois, Oct. 1996.

Visiting Fellow, Institute for the Study of economic performance in the long run, Washington University, St Louis, Sept. 1997

C. Woody Thompson Lecture, Midwest Economics Association, March 2000

Romano Lecture, SUNY Binghamton, March 2000

Ida Cordelia Beam Distinguished Lecturer, University of Iowa, May 2000

Invited Visitor, Minerva Center, Hebrew University of Jerusalem, May 2000.

Alice Conner Gorlin Memorial Lecture at Oakland University, April 2001

Simon Kuznets memorial lectures, Yale University, Fall 2001

Keynote speaker, United Nations Experts Meeting Knowledge Systems for Development, Sept. 2003.

Henry George bi-annual lecture, Williams College, Oct. 2003

I.W. Arthur Memorial lecture, Iowa State University, Oct. 2003

Keynote speaker, European Association for Evolutionary and Political Economy, Maastricht, Nov. 2003.

Eitan Berglas annual lecture, University of Tel Aviv, Nov. 2003.

Distinguished annual visitor, Ben Gurion University, Beer Sheva, Israel, May 2004.

Woodward Summer lecturer, University of British Columbia, Aug. 2004.

President's Distinguished Lecture, University of Vermont, Oct. 2004.

Tore Browald memorial lecture, University of Goteborg, April 2005.

Max Weber Lecture, European University, Fiezola, March 2007.

Keynote address, European Historical Economics Society, Lund, Sweden, July 2007.

Plenary (final) speaker, World Economic History Congress, Utrecht, August 2009.

Plenary Clio Lecture, Canadian Cliometrics Association, Halifax, NS, Oct. 2009.

Abramovitz Lecture, Stanford University, December 2009.

Shulman Lecture, Yale University, April 2010.

Figuerola Lecture, Madrid, Spain, Oct. 2010.

Schumpeter Lectures (4), Graz, Austria, Nov. 2010.

Eli F. Heckscher lecture, Stockholm, Sept. 2011.

Keynote lecture, Upton Forum, Oct. 2011.

Rogge Lecture, Wabash College, March 2014

Patinkin Lecture, Israeli Association of Economics, May 2014.

Keynote lecture, Illinois Association of Economics, Oct 2014.

Dunaway Lecture, Michigan State University, April 2015

TEC Lecture, Stanford University, May 2015.

Veblen-Clark lecture, Carleton College, May 2015.

"Il Mulino" *Lectio Magistralis*, Bologna, Italy, Oct. 2016.

Publications:

A. Books

1. Industrialization in the Low Countries, 1795-1850 New Haven-London: Yale University Press, 1976.

2. Why Ireland Starved: An Analytical and Quantitative Study of Irish Poverty, 1800-1851. London and Boston: George Allen and Unwin, 1983. (Selected an outstanding publication in economics for 1983 by Choice Magazine). Revised paperback edition, 1985.

3. (ed.) The Economics of the Industrial Revolution. Totowa, N.J.: Rowman and Allanheld, 1985. Reprinted 1989 by Rowman and Littlefield.

4. Twenty Five Centuries of Technological Change: An Historical Survey. A Volume in the Economics of Technological Change Section, edited by F.M. Scherer. Part of the series "Fundamentals of Pure and Applied Economics" edited by Hugo Sonnenschein and Jacques Lesourne. Chur-London-Paris-New York-Melbourne: Harwood Academic Publishers, 1990.

5. (ed.) The Vital One: Essays in Honor of Jonathan Hughes, Greenwood, CT.: JAI Press 1991.

6. The Lever of Riches: Technological Creativity and Economic Progress. New York and London: Oxford University Press, 1990. Co-winner of the International Joseph A. Schumpeter Prize, 1990. Selected editor's choice of recent book of particular interest, New York Times Book Review, Jan. 13, 1991. Awarded the George Ranki memorial prize of the Economic History Association for the best book in European Economic History, 1992. Spanish translation: La Palanca de la Riqueza. Madrid: Alianza Editorial, 1993. Italian translation: La Leva della Ricchezza. Bologna, Il Mulino, 1995. Hungarian translation A gazdagság gépezete, 2004. Chinese translation, 2008. Russian Translation 2014.

7. (ed.) The British Industrial Revolution: an Economic Perspective. Boulder, Westview Press. 1993. Expanded and updated second edition, 1998.

8. *The Gifts of Athena: Historical Origins of the Knowledge Economy.* Princeton: Princeton University Press, 2002. Winner of the Don K. Price Prize for the best book in Technology and Science policy awarded by the American Political Science Association. Chosen as an outstanding academic title for 2003 by *Choice* Magazine. Italian Translation, Il Mulino, 2004. Spanish Translation: in progress. Chinese Translation: in progress. Japanese Translation: in progress by Nagoya University Press. Russian translation 2012. Vietnamese translation: contracted for, 2013.

9. (Editor in chief), The Oxford University Press Encyclopedia of Economic History, New York: Oxford University Press , 5 volumes, 2003.

10. (Co-editor), The Invention of Enterprise: Entrepreneurship from Ancient Mesopotamia to Modern Times (The Kauffman Foundation Series on Innovation and Entrepreneurship; with William J. Baumol and David S. Landes). Princeton: Princeton University Press, 2009. Winner of the Silver Medal for the best book in entrepreneurship, 4th Annual Axiom Business Book Awards, 2011. Chinese Translation, 2015, China Chitic Press.

11. *The Enlightened Economy: An Economic History of Britain 1700-1850.* London Yale University Press, 2009. Vol. III in the *Penguin Economic History of Britain.* Russian translation published by the Gaidar Institute for Economic Policy (2016). Chinese translation forthcoming.

12. (Co-editor), *The Birth of Modern Europe: Culture and Economy, 1400-1800: Essays in Honor of Jan de Vries* (with Laura Cruz). Leiden: Brill, 2010.

13. *A Culture of Growth*: *Origins of the Modern Economy*. Princeton University Press, 2016. Chinese translation contracted for, Renmin University Press. Korean translation contracted for by Eco Livre publishing. French translation contracted for by Gallimard. Italian Translation contracted for by Il Mulino. Croatian translation contracted for by MATE publishing, Zagreb. Selected as one of the Best Books of 2016 by MIT's *Technology Review*. Finalist for the 2017 Hayek Prize, The Manhattan Institute. Honorable Mention for the 2017 PROSE Award in European and World History, Association of American Publishers. Co-winner: Alan Sharlin memorial prize awarded annually for an outstanding book in social science history to honor the memory of Allan Sharlin, awarded by the SSHA.

14. *Economics in the Test of Time: Issues in Economic History* (with Amira Ofer), Tel Aviv: Open University (in press, 2017), in Hebrew, 2 volumes.

B. Articles Published or in Press

1. "The Industrial Revolution in the Low Countries - A Comparative Case Study," Journal of Economic History, June 1974, pp. 365-391. Reprinted in P.K. O'Brien, ed., The Industrial Revolutions in Europe Vol. II, Oxford: Basil Blackwell, 1994, pp. 179-205.

2. "Capital, Labor and the Delay of the Industrial Revolution in the Netherlands," Yearbook of Economic History, (1975), pp. 280-299.

3. "Growing Up and the Industrial Revolution in Europe," Explorations in the Economic History, October 1976, pp. 371-396.

4. "Stagflation in Historical Perspective: the Napoleonic Wars Revisited," in Paul Uselding (ed.), Research in Economic History, Vol. I, (1976), pp. 198-259. (with N. Eugene Savin).

5. "Inflation and the Wage Lag During the American Civil War," Explorations in Economic History, October 1977, pp. 311-336. (with S. DeCanio).

6. "Demand vs. Supply in the Industrial Revolution," Journal of Economic History, December 1977, pp. 981-1008. Reprinted in Joel Mokyr, ed., The Economics of the Industrial Revolution, (Totowa, N.J., 1985), pp. 97-117. Reprinted in Lars Magnusson, ed., Twentieth-Century Economic History: Critical Concepts in Economics. London: Routledge, 2010.

7. "Some Econometric Problems in the Standard of Living Controversy," Journal of European Economic History, Fall/Winter 1978, pp. 517-525. (with N. Eugene Savin).

8. "The Deadly Fungus: An Econometric Investigation Into the Short-Term Demographic Impact of the Irish Famine, 1846-1851," Volume II, Research in Population Economics, (1980), pp. 237-277.

9. "Industrialization and Poverty in Ireland and the Netherlands: Some Notes Toward a Comparative Case-Study," Journal of Interdisciplinary History, Winter 1980, pp. 429-459. Reprinted in *Social Mobility and Modernization*, essays selected from the Journal of Interdisciplinary History, Robert Rotberg ed. Cambridge, MA: MIT Press, 2000, pp. 149-178.

10. "Malthusian Models and Irish History," Journal of Economic History, Winter 1980, pp. 159-166.

11. "Industrialization in Two Languages," Economic History Review, Vol. XXIV, No. 1, February 1981, pp. 143-149.

12. "Irish History with the Potato," Irish Economic and Social History, Vol. VIII (1981), pp. 8-29.

13. "Emigration and Poverty in Prefamine Ireland," Explorations in Economic History, Vol. 19 No. 4, Oct. 1982, pp. 360-384. (with Cormac O'Grada).

14. "Uncertainty and Prefamine Irish Agriculture," presented to the second International Conference on Comparative Scottish-Irish Economic and Social History, Strathclyde, Sept. 1981. In D. Dickson and T.M. Devine, eds., Ireland and Scotland, Economic and Social Developments, 1650-1850, Edinburgh: John Donald, 1983, pp. 89-101.

15. "Peasants, Poverty, and Potatoes: Transactions Costs in Prefamine Ireland," in Gary Saxonhouse and Gavin Wright, eds., Technique, Spirit, and Form in the Making of the Modern Economics Essays in Honor of William N. Parker, Greenwich, CT, JAI Press, 1984, pp. 115-45. (with E. Hoffman).

16. "New Developments in Irish Population History, 1700-1850," Economic History Review, November 1984, pp. 473-488. (with Cormac O'Grada).

17. "Editor's Introduction: The Industrial Revolution and the New Economic History" in Joel Mokyr, ed., The Economics of the Industrial Revolution (Totowa, N.J., 1985), pp. 1-51. Spanish translation with revisions in Revista de Historia Economica (Madrid), Vol. V, No. 2 (Spring 1987), pp. 203-241 and Vol. V, No. 3 (Autumn 1987), pp. 441-482.

18. "Has the Industrial Revolution been Crowded-Out?" Explorations in Economic History, Vol. 24, 1987, pp. 293-319.

19. "Is There Still Life in the Pessimist Case? Consumption During the Industrial Revolution, 1790-1850," Journal of Economic History, March 1988, pp. 69-92.

20. "Poor and Getting Poorer? Irish Living Standards Before the Famine," Economic History Review, May 1988, pp. 209-35 (with Cormac Ó Gráda). Reprinted in Cormac Ó Gráda ed., *Ireland's Great Famine: Interdisciplinary Perspectives.* Dublin: UCD Press, 2006, pp. 24-47.

21. "Dear Labor, Cheap Labor, and the Industrial Revolution," in Patrice Higonnet, David S. Landes, and Henry Rosovsky eds., Favorites of Fortune: Technology, Growth, and Economic Development Since the Industrial Revolution. Cambridge: Harvard University Press., 1991, pp. 177-200.

22. "The Height of Irishmen and Englishmen in the 1770s" Eighteenth Century Ireland, Vol. 4 (1989), pp. 74-83 (with C. O Grada).

23. "Punctuated Equilibria and Technological Progress," American Economic Review, Papers and Proceedings Vol. 80, No. 2 (May 1990), pp. 350-54.

24. "Is Economic Change Optimal?" Australian Economic History Review, Vol. XXXII, No. 1 (March 1992), pp. 3-23.

25. "Evolutionary Biology, Technological Change, and Economic History." Bulletin of Economic Research, Vo. 43, No. 2 (April 1991), pp. 127-49. Reprinted on pp. 471-93 of G. M. Hodgson (ed.) Economics and Biology (Brookfield, VT and Aldershot UK: Edward Elgar, 1993).

26. "Was There a British Industrial Evolution?" in Joel Mokyr, ed., The Vital One: Essays Presented to Jonathan Hughes, Greenwich, CT.: JAI Press, 1991, pp. 253-86.

27. "Dutch Manufacturing and Trade during the French Period (1795-1814) in a long-term Perspective," in Erik Aerts and François Crouzet, eds., Economic Effects of the French Revolutionary and Napoleonic Wars, proceedings of the tenth international economic history congress, Leuven Univ. Press, 1990, pp. 64-78. (with Eric Buyst).

28. "Technological Change, 1700-1830," in Roderick Floud and Donald N. McCloskey, eds., The Economic History of Britain Since 1700, 2nd edition, Cambridge University Press, 1994, Vol. I, pp. 12-43.

29. "The Standard of Living Through the Ages," in Julian Simon, ed., The State of Humanity, Oxford: Blackwell's Press, 1995, pp. 135-147 (with J. Burnette).

30. "The Heights of the British and the Irish c. 1800-1815: Evidence from Recruits to the East India Company's Army," with Cormac Ó Gráda In John Komlos, ed., Stature, Living Standards, and Economic Development: Essays in Anthropometric History. University of Chicago Press, 1994, pp. 39-59.

31. "Technological Inertia in Economic History," Journal of Economic History, Vol. 52 No 2 (June 1992), pp. 325-338. Reprinted in Lars Magnusson, ed., Twentieth-Century Economic History: Critical Concepts in Economics. London: Routledge, 2010.

32. "Progress and Inertia in Technological Change" in Capitalism in Context: Essays in honor of R.M. Hartwell, edited by John James and Mark Thomas. University of Chicago Press, 1994, pp. 230-54.

33. "The New Economic History and the Industrial Revolution" in Joel Mokyr, ed., The British Industrial Revolution: an Economic Perspective. Boulder: Westview Press, 1993, pp. 1-131. Second ed., Boulder: Westview Press, 1999, pp. 1-127. Translated into Italian as "La New Economic History e la rivoluzione industriale", Bologna: Il Mulino, 1997. New edition published (with revisions) in book form as Leggere la Rivoluzione Industriale Bologna: Il Mulino, 2003. Repr. in part in Geoffrey Jones and Daniel Wadhani, eds., *Entrepreneurship and Global Capitalism*. Cheltenham, UK, Edward Elgar, 2007.

34. "Technological Progress and the Decline of European Mortality," American Economic Review, Papers and Proceedings, Vol. 83 No. 2 (May 1993), pp. 324-31.

35. "Institutions, Technological Creativity, and Economic History," Innovazione e Materie Prime, Vol. I, Nos. 2-3 (1993), pp. 27-42 (in Italian). Reprinted in A. Quadrio Curzio, M. Fortis and R. Zoboli, eds., Innovation, Resources and Economic Growth. Berlin: Springer Verlag, 1994, pp. 39-59 (in English). Reprinted in François Crouzet and Armand Clesse, eds., Leading the World Economically, Amsterdam, Dutch University Press, 2003, pp. 19-37.

36. "Cardwell's Law and the Political Economy of Technological Progress," Research Policy, Vol. 23 (1994), pp. 561-74.

37. "Emigration and Entrepreneurship in the Nineteenth Century U.S.", In Herbert Giersch, ed., Aspects of Internation Migration (with Joseph P. Ferrie). Berlin: Springer Verlag, 1994, pp. 115-138.

38. "Height and Health in the United Kingdom 1815-1860: Evidence from the East India Company Army," with Cormac Ó Gráda, Explorations in Economic History, April 1996, pp. 141-69.

39. "Evolution and Technological Change: a new Metaphor for Economic History?" in Robert Fox, ed., Technological Change London: Harwood publishers, 1996, pp. 63-83.

40. "Urbanization, Technological Progress and Economic History" in Herbert Giersch, ed., Urban Agglomeration and Economic Growth Berlin: Springer Verlag, 1995, pp. 3-37.

41. "Environmental Crises and Technological Change" in Alberto Quadrio Curzio and Roberto Zoboli eds., Science, Economics and Technology for the Environment. Milan: Fondazione Cariplo per la Ricerca Scientifica, 1995, pp. 233-243.

42. "Science, Health and Household Technology: the Effect of the Pasteur Revolution on Consumer Demand," with Rebecca Stein. In *The Economics of New Goods*, edited by Robert J. Gordon and Timothy Bresnahan, Chicago: University of Chicago Press and NBER, 1997, pp. 143-205.

43. "La tecnologia, l'informazione e le famiglie", in Renato Giannetti, ed., *Nel Mito di Prometeo. L'Innovazione Tecnologica dalla Rivoluzione Industriale ad Oggi. Temi, Inventori e Protagonisti dall'Ottocento al Duemila*, Firenze: Ponte alle Grazie, 1996, pp. 147-84. Hebrew Translation in *Riv'on Lecalcala* (Economic Quarterly), Vo. 48, No. 1, April 2001, pp. 7-39.

44. "Il Cambiamento Tecnologico" in Eric Hobsbawm and Paul Bairoch, eds., *Storia d'Europa*, Vol. V,"L'Eta Contemporanea." Torino: Giulio Einaudi Editore, 1996, pp. 271-370.

45. "The Political Economy of Technological Change: Resistance and Innovation in Economic history" in Maxine Berg and Kristin Bruland, eds., *Technological Revolutions in Europe*, Cheltenham: Edward Elgar Publishers, 1998, pp. 39-64.

46. "Innovation and Selection in Evolutionary Models of Technology: Some Definitional Issues" in John Ziman, ed., *Technological Innovation as an Evolutionary Process*. Cambridge: Cambridge University Press, 2000, pp. 52-65.

47. "Innovation and Its Enemies: The Economic and Political Roots of Technological Inertia" in Mancur Olson and Satu Kähkönen, eds., *A Not so Dismal Science*. Oxford: Oxford University Press, 1999, pp. 62-91. Reprinted in Magnus Henrekson and Robin Douhan, eds., *The Political Economy of Entrepreneurship,* Cheltenham, UK: Edward Elgar, 2008, Vol. 2, pp. 269-300.

48. "Invention and Rebellion: Why do Innovations Occur at all? An Evolutionary approach." In Elise Brezis and Peter Temin, eds., *Minorities and Economic Growth*. Amsterdam: Elsevier Publishers, 1999, pp. 179-203.

49. "Induced Technical Innovation and Medical History: an Evolutionary Approach," *Journal of Evolutionary Economics* Vol. 8 (1998), pp. 119-137. Reprinted in Arnulf Grübler, Nebosja Nakicenovic, and William Nordhaus, eds., *Induced Technological change and the Environment*, Berlin: Springer, 2002, pp.40-60.

50. "The Second Industrial Revolution, 1870-1914." in Valerio Castronovo, ed., *Storia dell'economia Mondiale*. Rome: Laterza publishing, 1999, pp. 219-245. Republished, 2009 by "Il Sole 24 Ore."

51. "Why Was There More Work for Mother? Technological Change and the Household, 1880-1930." *Journal of Economic History*, Vol. 60, No. 1 (March 2000), pp. 1-40.

52. "Knowledge, Technology, and Economic Growth During the Industrial Revolution." In Bart Van Ark, Simon K. Kuipers, and Gerard Kuper, eds., *Productivity, Technology and Economic Growth*. The Hague: Kluwert Academic Press, 2000, pp. 253-292.

53. "The Industrial Revolution and the Netherlands: Why did it not happen?" *De Economist* (Amsterdam), Vol. 148, No. 4 (Oct 2000), pp. 503-20.

54. "The Industrial Revolution and the Economic History of Technology: Lessons from the British Experience, 1760-1850." *Quarterly Review of Economics and Finance*, Vol. 41, 2001, pp. 295-311.

55. "The Rise and Fall of the Factory System: Technology, firms, and households since the Industrial Revolution" *Carnegie-Rochester Conference Series on Public Policy,* 55 (December 2001), pp.1-45

56. "Tales of Technology and Evolution: Three Industrial Revolutions" in Benn Steil and David Victor, eds., *Productivity Growth and Technology*. Princeton: Princeton University Press, 2002, pp. 23-46.

57. "Demand as a Factor in the Industrial Revolution: A Historical Note" in Ulrich Witt (ed.), *Escaping Satiation: The Demand Side of Economic Growth.* Berlin: Springer Publ., 2001, pp. 85-96.

58. "Famine Disease and Famine Mortality: Lessons from Ireland, 1845-1850" in Tim Dyson and Cormac Ó Gráda, eds., *The Demography of Famines*. Oxford: Oxford University Press, 2002, pp. 19-43 (with Cormac Ó Gráda).

59. "Why was the Industrial Revolution a European Phenomenon?", *Supreme Court Economic Review*, Volume 9 Fall 2002, Vol. 10, pp. 27-63.

60. "What do people die of during famines: the Great Irish Famine in comparative perspective" *European Review of Economic History* Vol. 6, 2002, pp. 339-363, with Cormac Ó Gráda. Reprinted in Cormac Ó Gráda ed., *Ireland's Great Famine: Interdisciplinary Perspectives.* Dublin: UCD Press, 2006, pp. 63-85.

61. "Accounting for the Industrial Revolution," in Paul Johnson and Roderick Floud, eds., *The Cambridge Economic History of Britain, 1700-2000,* Vol. I, pp. 1-27, Cambridge: Cambridge University Press, 2004.

62. "Useful Knowledge as an Evolving System: the view from Economic history," in Lawrence E. Blume and Steven N. Durlauf eds., *The Economy as an Evolving Complex System* Vol. III: Current Perspectives and Future Directions, New York: Oxford University Press, 2006, pp. 307-337.

63. "Thinking about Technology and Institutions" presented at the Macalester International College Roundtable, "Prometheus's Bequest: Technology and Change," October 2002. *Macalester International,*

Volume 13, special issue "Prometheus's Bequest: Technology and Change. Vol. 13, Summer 2003, pp. 33-66.

64. "Long-term Economic Growth and the History of Technology," in the *Handbook of Economic Growth*, edited by Philippe Aghion and Steven Durlauf, Amsterdam: Elsevier, 2005, pp. 1113-1180.

65. "The Wondrous Century: Economic growth in Europe in the twentieth century." *Riv'on Lecalcala (Economics Quarterly)* in Hebrew, Vol. 51, Aug. 2004, pp. 211-227.

66. "Is there a Theory of Economic History?" In Kurt Dopfer, ed., *The Evolutionary Foundations of Economics*. Cambridge: Cambridge University Press, 2005, pp. 195-218.

67. "King Kong and Cold Fusion: Counterfactual analysis and the History of Technology" In Philip Tetlock, Ned Lebow, and Geoffrey Parker, eds., *Unmaking the West: 'What-if?' Scenarios that rewrite World History.* Ann Arbor: Michigan University Press, 2006, pp. 277-322.

68. "Mercantilism, the Enlightenment, and the Industrial Revolution," Presented to the Conference in Honor of Eli F. Heckscher, Stockholm, May 2003, in Ronald Findlay, Rolf Henriksson, Håkan Lindgren and Mats Lundahl (eds), *Eli F. Heckscher (1879-1952): A Celebratory Symposium* Cambridge, MA: MIT Press, 2006, pp. 269-303.

69. "The Intellectual Origins of Modern Economic Growth," [Presidential address], *Journal of Economic History* Vol. 65, No. 2 (June 2005), pp. 285-351; repr. in Alberto Quadrio Curzio and Marco Fortis, eds., *Research and Technological Innovation: the New Challenge for Europe*. Heidelberg and New York: Physica Verlag, 2005, pp. 17-80 and [in Italian] in Tommaso Detti and Giovanni Gozzini, eds., *La Rivoluzione Industriale tra l'Europa e il Mondo* Milan: Bruno Montadori, 2009, pp. 113–36.

70. "The Great Synergy: the European Enlightenment as a factor in Modern Economic Growth", in Wilfred Dolfsma and Luc Soete (eds), *Understanding the Dynamics of a Knowledge Economy.* Cheltenham: Edward Elgar (2006), pp. 7-41.

71. "Mobility, Creativity, and Technological Development: David Hume, Immanuel Kant and the Economic Development of Europe". Prepared for the session on "Creativity and the Economy", German Association of Philosophy, Berlin, Sept. 18, 2005. In G. Abel, ed., *Kolloquiumsband of the XX. Deutschen Kongresses für Philosophie*, Berlin 2006, pp. 1131-1161.

72. "Understanding Growth in Europe, 1700-1870: Theory and Evidence." In Steven Broadberyy and Kevin O'Rourke, eds., *The Cambridge Economic history of Europe, 1700-1870.* Cambridge: Cambridge University Press, 2009, Vol. 1, pp. 7-42, with Joachim Voth.

73. "Entrepreneurship and the Industrial Revolution in Britain" in William Baumol, David S. Landes and Joel Mokyr, eds., *The Invention of Enterprise: Entrepreneurship from Ancient Mesopotamia to Modern Times (The Kauffman Foundation Series on Innovation and Entrepreneurship)* Princeton: Princeton University Press, 2009.

74. "The Market for Ideas and the Origins of Economic Growth in Eighteenth Century Europe," [Heineken Lecture], in *Tijdschrift voor Sociale en Economische Geschiedenis* Vol. 4, No. 1, 2007, pp. 3-38. Repr. in shorter form in *Etla: 60 Years, Speeches and keynote lecture,* Timo Nikinmaa, ed. Helsinki, 2006.

75. "Distributional Coalitions, the Industrial Revolution, and the Origins of Economic Growth in Britain" (with John Nye), *Southern Economic Journal*, Vol. 74, No. 1 (July 2007), pp. 50-70.

76. "The Institutional Origins of the Industrial Revolution," in Elhanan Helpman, ed., *Institutions and Economic Performance*. Harvard University Press, 2008, pp. 64-119. Repr. In abbreviated and slightly edited form in Neri Salvadori, ed., *Institutional and Social Dynamics of Growth and Distribution*, London: Edward Elgar, 2009, pp. 1-35.

77. "Die europäische Aufklärung, die industrielle Revolution und das moderne ökonomische Wachstum," in James A. Robinson and Klaus Wiegandt, eds., *Die Ursprünge der modernen Welt.* Frankfurt: Fischer, 2008, pp. 433-474.

78. "Intellectual Property Rights, the Industrial Revolution, and the Beginnings of Modern Economic Growth", *American Economic Review* Vol. 99, issue 2, Papers and Proceedings, May 2009, pp. 349-355. Repr. in Carlos M. Correa, ed., *Intellectual Property and Economic Development,* Cheltenham, UK: Edward Elgar, in press.

79. "The European Enlightenment, the Industrial Revolution, and Modern Economic Growth" European University Institute, Max Weber Programme, Max Weber lecture No. 2007/07, repr. in Peer Zumbansen and Gralf-Peter Calliess eds., *Law, Economics and Evolutionary Theory*. Cheltenham, UK, Edward Elgar, 2011, pp. 33-53.

80. "The European Enlightenment and the Origins of Modern Economic growth." In Jeff Horn, Leonard Rosenband and Merritt Roe Smith, eds., *Reconceptualizing the Industrial Revolution*. Cambridge, MA: MIT Press, 2010, pp. 65–86.

81. "The Contribution of Economic History to the Study of Innovation and Technical Change" in Bronwyn Hall and Nathan Rosenberg, eds., *Handbook of Technological Change*, Burlington: Academic Press, 2010, Vol. 1, pp. 11-50.

82. "The Rate and Direction of Invention in the British Industrial Revolution: Incentives and Institutions," with Ralf R. Meisenzahl. In Joshua Lerner and Scott Stern , eds., *The Rate and Direction of Inventive Activity Revisited*. Chicago: University of Chicago Press, 2012, pp. 443-79.

83. "The Commons of Knowledge: A Historical Perspective." In Emily Chamlee-Wright, ed. *The Wealth and Well-being of Nations*, Vol. IV, 2011-12, pp. 29-44.

84. "Culture, Institutions, and Modern Growth." In Itai Sened and Sebastian Galiani, eds., *Economic Institutions, Rights, Growth, and Sustainability: The Legacy of Douglass North*. Cambridge: Cambridge University Press, 2014, pp. 151-191.

85. "An Age of Progress." In Roderick Floud and Jane Humphries, ed., *The Cambridge Economic History of Britain*. Cambridge: Cambridge University Press, 2014, Vol. 1, pp. 264-91.

86. "Cultural Entrepreneurs and the Origins of Modern Economic Growth," [Heckscher Memorial Lecture], *Scandinavian Economic History Review,* Vol. 61, No. 1 (2013), pp. 1-33.

87. "Human Capital, Useful Knowledge, and Long-term Economic Growth." Prepared for the International Conference: Rethinking Solidarity for Employment: the Challenges of the Twenty-first century. Session on "Science, Technology, and Employment: the New Frontiers." Centesimus Annus - Pro Pontifice Foundation. Vatican City, Friday, May 24th. *Economia Politica*, Vol. 30, No. 3 (Dec. 2013), pp. 251-271.

88. "Precocious Albion: a New Interpretation of the British Industrial Revolution," with Morgan Kelly and Cormac Ó Gráda. *Annual Review of Economics,* Vol. 6, 2014, pp. 363-91.

89. "Progress, Useful Knowledge and the Origins of the Industrial Revolution." in Avner Greif, Lynne Kiesling and John V. Nye, eds., *Institutions, Innovation, and Industrialization*. Princeton: Princeton University Press, 2015, pp. 33-67.

90. "Technological Anxiety and the Future of Economic Growth: Is this time different?," with Chris Vickers and Nicolas L. Ziebarth, *Journal of Economic Perspectives*, Vol. 29, No. 3 (Summer 2015), pp. 31-50.

91. "Flexible Supply of Apprenticeship in the British Industrial Revolution" with N. Ben Zeev and K. Vanderbeek, *Journal of Economic History*, Vol. 77, No. (March 2017). pp. 208-50.

92. "Institutions and Economic History: A Critique of Professor McCloskey," with Avner Greif. *Journal of Institutional Economics*, Volume 12, Issue 01, March 2016, pp 29-41.

93. "Science, Technology, and Knowledge: What Economic Historians can learn from an Evolutionary Approach." In Ulrich Witt, ed., *Evolutionary Economics*. Cambridge: Cambridge University Press, forthcoming.

94. "Institutions and the Origins of the Great Enrichment" (Presidential Address) *Atlantic Economic Journal*, June 2016, Volume 44, Issue 2, pp . 243-259.

95. "Cognitive Rules, Institutions and Economic Growth: Douglass North and Beyond," with Avner Greif. *Journal of Institutional Economics*, Vol. 13, No. 1 (March 2017), pp. 25-52. Winner of the Elinor Ostrom prize for best article published in the *Journal* in 2017.

96. "Clans, Guilds, and Markets: Apprenticeship Institutions and Growth in the Pre-Industrial Economy" with Matthias Doepke and David De la Croix *Quarterly Journal of Economics*, Vol. 133, Issue 1, (February 2018), pp. 1–70.

97. "Bottom up or top-down? The Origins of the Industrial Revolution." *Journal of Institutional Economics,* Issue 14(6), December 2018. Shortlisted for the Elinor Ostrom prize for best article published in the *Journal* in 2018.

98. "The Market for Ideas and the Great Enrichment" forthcoming in a volume edited by Lee Ohanian, Jesus Villaverde and John Taylor.

99. "Secular Stagnation: History and Reality," forthcoming in proceedings of a Conference organized by the IMF and the Peterson Institute in Seoul, Sept., 2017.

100. "The Past and the Future of Innovation: Some Lessons from Economic History," *Explorations in Economic History*,, Vol.69, July 2018, pp.13-26.

101. "The Economics of Apprenticeship." In Maarten Prak and Patrick Wallis, eds., *Apprenticeship in Early Modern Europe*, Cambridge University Press, forthcoming.

102. "Religion, Culture and the Great Enrichment." in *Navigating History: Economy, Society, Knowledge, and Nature; Essays in Honour of Prof. Dr. C.A. Davids*, forthcoming, Amsterdam: Brill.

103. "Could Artisans Have Caused the Industrial Revolution?" with Morgan Kelly and Cormac Ó Gráda. . In: *The Evolution of Economic History: Goods, People and Spaces in the Age of Industrialisation*, eds. Kristine Bruland, Anne Gerritsen, Pat Hudson and Giorgio Riello. Montreal: Queens-McGill University Press, forthcoming.

C. **Review Essays and shorter papers**

1. "Prosperous Interlude," a review essay of Roy Church, ed., *The Dynamics of Victorian Business*, in *Economic Development and Cultural Change*, July 1982, pp. 867-869.

2. "Three Centuries of Demographic Change," a review essay of E.A. Wrigley and Roger Schofield, *The Population History of England, 1541-1871: A Reconstruction*, in *Economic Development and Cultural Change*, Oct., 1983, pp. 183-192.

3. "Disparities, Gaps and Abysses," a review essay of Paul Bairoch and Maurice Levy-Leboyer, eds., *Disparities in Economic Development since the Industrial Revolution* and Eric L. Jones, *The European Miracle*, in *Economic Development and Cultural Change*, October 1984, pp. 173-77.

4. "And Thou, Happy Austria? A Review Essay," *Journal of Economic History*, December 1984, pp. 1094-1099.

5. "The Rhetoric of Rhetoric," a review essay of Donald N. McCloskey, *The Rhetoric of Economics*, in *Historical Methods*, Vol. 20 No. 3 (Summer 1987), pp. 126-128.

6. "Economics, History, and Human Biology," *Economic Development and Cultural Change*, April 1988, pp. 559-564.

7. "On the (Alleged) Failures of Victorian Britain," *Journal of British Studies*, Vol. 28, No. 1 (Jan. 1989), pp. 89-95.

8. "The Great Conundrum: A Review Essay," *Journal of Modern History*, Vol. 62 (March 1990), pp. 78-88.

9. "La Grande Quantification," *Journal of Economic History*, Vol. 50 (March 1990), pp. 172-76 (with John V. Nye).

10. "Man vs. Machine," *Reason*, 1996.

11. "Future Enemies," *Reason* 1996.

12. "Discussion of Rosenberg," In *Technology and Growth*, Federal Reserve Bank of Boston, Conference Series, No. 40, edited by Jeffrey C. Fuhrer and Jane Sneddon Little, pp. 111-118.

13. "Are We Living in the Middle of an Industrial Revolution?" *Federal Reserve Bank of Kansas City Economic Review,* Vol. 82, No. 2 (2nd Quarter, 1997), pp. 31-43.

14. "Secrets of Success ," *Reason*, December 1998.

15. "Eurocentricity Triumphant: A Review Essay." *American Historical Review*, Vol. 104, No. 4, Oct. 1999, pp. 1241-1246.

16. "Editor's Introduction" in Joel Mokyr, ed., *The Oxford Encyclopedia of Economic History*, 2002.

17. "The Industrial Revolution" in Joel Mokyr, ed., *The Oxford Encyclopedia of Economic History*, 2002.

18. "High Technology in the Low Countries: A Review Essay. *Technology and Culture,* Vol. 41, No. 1 (Jan. 2001), pp. 133-137.

19. "Op de Markt Gesteld: The Economische Geschiedenis van Nederland en haar Europese Achtergrond." ["Fond of the Market: Dutch Economic history and its European Background"] (in Dutch), in *Liber Amicorum* for Professor M.R. Mok, The Hague: Kluwer publishers, 2002, pp.

20. "Comment on Clark and Feenstra," in Michael Bordo, Alan Taylor, and Jeffrey G. Williamson, eds., *Globalization in Historical Perspective*. Forthcoming 2003: University of Chicago Press.

21. "Demographic Shocks: the View from History (comment on Livi Bacci)." In Jane Sneddon Little and Robert K. Triest, eds., *Seismic Shifts: The Economic Impact of Demographic Change*. Federal Reserve Bank of Boston, Conference Series No. 46 (June 2001), pp. 67-73.

22. Review of William Baumol, The Free-Market Innovation Machine: Analyzing the Growth Miracle of Capitalism. Reviewed for EH.Net (Web-based book review), 2002.

23. "The Knowledge Society: Theoretical and Historical Underpinnings" presented to the expert meeting on Knowledge systems, United Nations, Sept. 2003. Published in Russian translation in the *Economic Herald of Rostov State University*, Vol. 2, No. 1 (2004), pp.

24. "The Riddle of the Great Divergence: Intellectual and Economic Factors in the Growth of the West," *Historically Speaking* Vol. V, No. 1 (Sept. 2003), pp. 2-6.

25. Review of J,W. Drukker: The Revolutie die in Haar Eigen Staart Beet: Hoe de Economische Geschiedenis onze ideeën over Economische Groei veranderde. Reviewed for EH.Net (Web-based book review), 2003.

26. "Kennis, Vooruitgang, en Verandering in the Economische Geschiedenis" (in Dutch), *Tijdschrift voor Sociale en Economische Geschiedenis* Vol. 1, No. 1 (2004), pp. 124-132.

27. Review of Harold James, *Europe Reborn: a History, 1914-2000.* Reviewed for EH.Net (Web-based book review), 2004.

28. "Industrial Technologies" in William H. McNeill, ed., *The Berkshire Encyclopedia of World History*, Vol. 3, pp. 981-985. Great Barrington, MA: Berkshire Publishing Group, 2005.

29. "Information Societies" in William H. McNeill, ed., *The Berkshire Encyclopedia of World History*, Vol. 3, pp. 985-990. Great Barrington, MA: Berkshire Publishing Group, 2005.

30. "The Second Industrial Revolution," in John Merriman and Jay Winter, eds., *Encyclopedia of Europe, 1789-1914,* forthcoming.

31. "Science and Technology, 1780-1914," in John Merriman and Jay Winter, eds., *Encyclopedia of Europe, 1789-1914,* forthcoming.

32. "Global Demographic Change: Dimensions and Economic Significance (Commentary)" in George H. Sellon, ed., *Global Demographic Change: Economic Impacts and Policy Challenges*. Symposium sponsored by the Federal Reserve Bank of Kansas City. Kansas City: Federal Reserve Bank, 2005, pp. 57-71.

33. "Hockeystick Economics," a review essay of Robert William Fogel, The Escape from Hunger and Premature Death: Europe, America, and the Third World. *Technology and Culture*, Vol. 46, No. 3 (July 2005), pp. 613-17.

34. "Technology" in Steve Durlauf and Larry Blume, eds., *The New Palgrave Dictionary of Economics,* second ed., Palgrave Macmillan, 2008.

35. "Economics and the Biologists," A review essay of Geerat J. Vermeij, Nature: an Economic History. *Journal of Economic Literature,* Vol. XLIV, Dec. 2006, pp. 1001-1009.

36. "Christianity and the Rise of the West: Rodney Stark and the Defeat of Reason." *Historically Speaking,* Vol. VII/Number 4 March/April 2006, pp. 12-14.

37. "The Ambiguities of Technology", a review essay of Thomas P. Hughes, Human-Built World: How to Think about Technology and Culture. Chicago: University of Chicago Press, 2004. In *History and Theory*, Vol. 46 (No. 1) Feb. 2007, pp. 59–65

38. "Review Essay of Richard G. Lipsey, Kenneth I. Carlaw, and Clifford T. Bekar, Economic Transformations: General Purpose Technologies and Long-term Economic Growth. Reviewed for EH.Net (Web-based book review), 2006. Also in the *Journal of Economic History* Vol. 66, No. 4 (Dec. 2006), pp. 1072-1075.

39. "Knowledge, Enlightenment, and the Industrial Revolution: Reflections on Gifts of Athena". *History of Science*, Vol. 45, No. 148 (June 2007), pp. 185-196.

40. "Review Essay of Vaclav Smil, Creating the Twentieth century: Technical Innovations of 1867-1914 and their Lasting Impact. Oxford: Oxford University Press 2005, and Vaclav Smil, Transforming the Twentieth century: Technical Innovations and their Consequences. Oxford: Oxford University Press, 2006. Reviewed for EH.Net (Web-based book review), 2006.

41. "The Simple Economics of Richard Nelson: A Review Essay". A review essay of Richard R. Nelson, Technology. Institutions, and Economic growth, collected essays. *Research Policy*, Volume 36, Issue 10, (December 2007), pp.1483-1672.

42. "The Culture of Modern Capitalism," Review Essay of William Baumol, Robert Litan, and Carl Schramm, Good Capitalism, Bad Capitalism and the Economics of Growth and Prosperity; Raghuram G. Rajan and Luigi Zingales, Saving Capitalism from the Capitalists and Robert B. Reich, Supercapitalism: The Transformation of Business, Democracy, and Everyday Life. In *Technology and Culture*, Vol. 50, No. 2, April 2009, pp. 441-448.

43. "Editor's Introduction," in Laura Cruz and Joel Mokyr, eds., *The Birth of Modern Europe: Culture and Economy, 1400-1800: Essay in Honor of Jan de Vries*. Leiden: Brill, in press.

44. "Kenneth Sokoloff and the Economic History of Technology: an Appreciation" in Dora Costa and Naomi Lamoreaux, eds., *Understanding Long-Run Economic Growth: Geography, Institutions, and the Knowledge Economy: Essays in Memory of Kenneth L. Sokoloff.* Chicago: University of Chicago Press, forthcoming, 2011.

45. "On the Supposed Decline and Fall of Economic History," *Historically Speaking,* Vol. XI, No. 2 (April 2010), pp. 23-25.

46. "The Economics of Being Jewish," *Critical Review,* Vol. 23, issue 1-2, (2011), pp. 195–206.

47. "Did the Enlightenment Pay?" *City Journal*, Aug. 2010. Portuguese translation in *Port Vitoria*: *The Magazine of the Hispanic and Lusophone Communities* Issue 3, Jul 2011 - Dec 2011.

48. "The Glorious Revolution Redux," Review Essay of Steve Pincus, 1688: The First Modern Revolution (Yale U.P., 2009) in *Journal of Economic History*, 2010, pp. 510–15.

49. "Commercial vs. Industrial Capitalism: the Emergence of the Modern Economy," in Kurt Almqvist and Alexander Linklater, eds. *On Capitalism*. Stockholm: Axel and Margaret Ax:son Johnson Foundation, 2010, pp. 13-23.

50. Review Essay of Jared Diamond and James Robinson, eds., *Natural Experiments of History American Historical Review*, Vol. 116, No. 3, June 2011, pp. 752–55.

51. "Capitalism Reinvents Itself," *Current History* (special volume on the History of Capitalism), Vol. 112 (Nov. 2013), pp. 291-97 (lead article).

52. "The Institutional Revelation: A comment on Douglas W. Allen's The Institutional Revolution" with Jose Espin. *Review of Austrian Economics* Vol. 26, 2013, pp. 375-81.

53. "The Flourishing Economist," review essay of Edmund Phelps, *Mass Flourishing: How Grassroots Innovation Created Jobs, Challenge, and Change*, in *Journal of Economic Literature* , Vol. 52, No. 1, March 2014, pp. 189-96.

54. "The Next Age of Invention" *City Journal* Vol. 24, No. 1, Winter 2014, pp. 12-21.

55. "The End of Economic Growth? Myths and Realities." *Milken Institute Review,* Vol. 16, No. 2 (2nd quarter 2014), pp. 87-94.

56. "Peer Vries's Great Divergence — a Review Essay." *The Low Countries Journal of Social and Economic History,* 2015, pp. 93-104.

57. "Secular Stagnation? Not in your Life." In Coen Teulings and Richard Baldwin, eds., *Secular Stagnation: Facts, Causes and Cures.* London: CEPR Press, 2014, pp. 83-89.

58. "Cultural Entrepreneurs and the 'Rise of the West': an Economic Perspective," *Zmanim,* Winter 2015, pp. 50-57 (in Hebrew).

59. "Intellectuals and the Rise of the Modern Economy" *Science* Vol. 349, Issue 6244, July 2015, pp. 141-42.

60. "The Bourgeoisie and the Scholar: a Review Essay of Deirdre N. McCloskey, Bourgeois Equality: How Ideas, not Capital or Institutions, Enriched the World." *Erasmus Journal of Philosophy and Economics,* volume 9 issue 2, Summer 2016, pp. 53-65.

61. "The Persistence of Technological Creativity and the Great Enrichment: Reflections on the 'Rise of Europe.'" in Stelios Michalopoulos and Elias Papaioannou, eds., *The Long Economic Shadow of History* Vol. 1. VOXEU E-book, 2017. Accessible at http://voxeu.org/article/technological-creativity-and-great-enrichment-reflections-rise-europe.

62. "How Europe won the Race to Prosperity." *BBC History Magazine* May 25, 2017, pp. 42-46.

63. "Culture, Growth, and Economic Thought: Some Afterthoughts." *European Journal for the History of Economic Thought.* forthcoming.

64. "Is Technological Progress Obsolete?" In *Investment and Growth in Advanced Economies.* European Central Bank, 2017, ebook, accessible at https://www.ecb.europa.eu/pub/pdf/other/ecb.ecbforumcentralbanking2017.en.pdf, pp. 234-40.

65. "Culture, Elites and the Great Enrichment." In *The Annual Proceedings of the Wealth and Well-Being of Nations*, Vol. IX, 2017, pp. 39-55.

66. "Building Taller Ladders" *IMF Finance and Development*, June 2018, Vol. 55, No. 2.

67. "Artisans, Knowledge, and the Industrial Revolution" *Journal of Economic History,* forthcoming.

D. Shorter Books Reviews and Miscellaneous Publications

1. Government Finance, Taxation, and Economic Policy in Old Regime Europe," Summary of Research Workshop, thirty fifth annual meeting of the Economic History Association, Journal of Economic History, March 1976, pp. 28-29.

2. "Industrial Growth and Stagnation in the Low Countries," Dissertation Summary, Journal of Economic History, March 1976, pp. 276-278.

3. Review of Paul A. David, Technical Choice, Innovation, and Economic Growth, in Economic Development and Cultural Change, October 1977, pp. 188-193.

4. Review of Paul M. Hohenberg and F. Krantz, Failed Transitions to Modern Industrial Society, in Technology and Culture, March 1977, pp. 94-95.

5. Review of Economisch Sociaal-Historisch Jaarboek, Journal of Economic History, September 1977, pp. 812-813.

6. Review of H.H. Van Stuijvenberg, De Economische Geschiedenis van Nederland, in Journal of Economic History, September 1978, pp. 829-831.

7. Review of E.E. Rich and C.H. Wilson, eds., The Cambridge Economic History of Europe, Vol. V: The Economic Organization of Early Modern Europe in Business History Review, Autumn 1978, pp. 443-445.

8. Review of Michel Theys, La Population de Diest pendant les deux premiers tiers du XIX^{e} siecle, in Journal of Economic History, September 1978, p. 828.

9. Review of Jan De Vries, Barges and Capitalism: Passenger Transportation in the Dutch Economy, 1632-1839, in Business History Review, Autumn 1979, pp. 445-447.

10. Review of H. Baudet and H. Van Der Meulen, Kernproblemen der Economische Geschiedenis, in Journal of Economic History, June 1979, pp. 535-537.

11. Review of Gavin Wright, The Political Economy of the Cotton South, in Economic History Review, August 1979, pp. 453-454.

12. Review of E.W. Hofstee, De Demografische Ontwikkeling Van Nederland in the Eerste Helft van de Negentiende Eeuw, in Economic History Review, August 1979, pp. 438-439.

13. Review of J. Laureyssens, Industriële Naamloze Vennootschappen in België, 1819-1857, in Journal of Economic History, September 1979, pp. 788-789.

14. Review of Johan De Vries, The Netherlands Economy in the Twentieth Century, in American Historical Review, December 1979, pp. 1406-1407.

15. Review of Stuart W. Sinclair, Urbanization and Labor Markets in Developing Countries, in Journal of Regional Science, January 1980, pp. 115-116.

16. Review of Economisch en Sociaal Historisch Jaarboek, Vol. XLI, in Economic History Review, May 1980, pp. 290-291.

17. Review of Jacques Verrière, La Population de l'Irelande, in Economic History Review, August 1980, pp. 444-445.

18. Review of A.A. Bijdragen, Vol. 22, in Journal of Economic History, June 1980, pp. 401-402.

19. "Comments on papers by Harper-Fender and Gerriets," Journal of Economic History, March 1981, pp. 177-178.

20. Review of James C. Riley, International Government Finance and the Amsterdam Capital Market, 1740-1815, in Journal of European Economic History, Winter, 1981, pp. 770-772.

21. Review of Michael Haines, Fertility and Occupation: Population Patterns in Industrialization, in American Historical Review, June 1981, pp. 573-574.

22. Review of David Grigg, Population Growth and Agrarian Change: An Historical Perspective, in Economic History Review, Nov. 1981, pp. 670-671.

23. Review of Ester Boserup, Population and Technological Change, in Journal of Economic Literature, June 1982, pp. 628-630.

24. Review of J.M. Goldstrom and L.A. Clarkson, eds., Irish Population and Society, in Journal of Economic History, Sept. 1982, pp. 706-707.

25. Review of Paul Klep, Bevolking en Arbeid in Transformatie, in Tijdschrift voor Sociale Geschiedenis, May 1983, pp. 160-163.

26. Review of John M. Montias, Artists and Artisans in Delft: A Socio-Economic Study of the Seventeenth Century, in Journal of Political Economy, October 1983, pp. 894-896.

27. Review of Maurice Aymard, ed., Dutch Capitalism and World Capitalism, in Journal of European Economic History, Winter 1983, pp. 671-673.

28. "Comment" on papers by Hausman and Hoffman, Journal of Economic History, June 1984, pp. 341-343.

29. "Demand vs. Supply in The Industrial Revolution: Reply," Journal of Economic History, September 1984, pp. 806-809.

30. "Reply to Peter Solar," Irish Economic Social History (1984), pp. 116-121.

31. "Comment" on the dissertations by Goldstone, Boyer, Mass and Thomas, Journal of Economic History, June 1985, pp. 471-475.

32. Review of Antoin E. Murphy, ed., Economists and The Irish Economy, in Journal of Economic History, September 1985, pp. 731-732.

33. Review of Liam Kennedy and Philip Hollerenshaw, An Economic History of Ulster, in Journal of Economic History, December 1985, pp. 976-977.

34. Review of Kevin O'Neill, Family and Farm in Pre-Famine Ireland, in American Historical Review, December 1985, pp. 1205-1206.

35. Review of J.L. Van Zanten, De Economische Ontwikkeling van de Nederlandse Landbouw in de Negentiende Eeuw, in Journal of Interdisciplinary History, Vol. XVII No. 3 (Winter 1987), pp. 667-668.

36. Review of N.F.R. Crafts, British Economic Growth During the Industrial Revolution, in Albion, Vol. 18 No. 4 (Winter 1987), pp. 671-673.

37. Review of I. Berend and G. Ranki, The European Periphery and Industrialization, 1780-1914, in Journal of Economic History, December 1985, pp. 991-992.

38. "Cliometrics," invited contribution to John Cannon, ed., Biographical Dictionary of Historians, Oxford: Basil Blackwell, 1988.

39. Review of Elizabeth Malcolm, Ireland Sober, Ireland Free, in American Historical Review, June 1987, p. 673.

40. Review of Catharina Lis, Social Change and the Labouring Poor: Antwerp, 1770-1860, in Economic History Review, Aug. 1987, pp. 479-480.

41. Review of Nathan Rosenberg and L.E. Birdzell, Jr., How the West Grew Rich: The Economic Transformation of the Industrial World, in Journal of Economic History, June 1987, pp. 595-596.

42. Review of Mary Daly, The Irish Famine, in Irish Economic and Social History, XIV (1987), pp. 117-119.

43. Review of C.H. Lee, The British Economy Since 1700, in Journal of Economic History, June 1988. pp. 459-61.

44. Review of Amartya Sen, The Standard of Living, in Journal of Economic Behavior and Control, 1988, pp. 366-68.

45. Review of Hollis Chenery, Sherman Robinson, and Moshe Syrquin, Industrialization and Growth: A Comparative Study, in Journal of Economic Literature, Dec. 1988, pp. 1755-56.

46. Review of Alexander J. Field, ed., The Future of Economic History, in Journal of Economic Literature, March 1989, pp. 86-88.

47. Review of Gunnar Karl Persson, Pre-industrial Economic Growth, in Journal of Economic History Sept. 1989, pp. 727-28.

48. Review of Brian Mitchell, British Historical Statistics, in Journal of Economic History, Dec. 1989, pp. 1016-18.

49. Review of Leonore Davidoff and Catherine Hall, Family Fortunes: Men and Women of the English Middle Class, 1780-1850. in Journal of Modern History, March 1990.

50. Review of Immanuel Wallerstein, The World System Part III in Economy and Society, 1991.

51. Review of Pat Hudson, ed., Regions and Industries: Perspectives on the Industrial Revolution in Britain in Journal of Interdisciplinary History, Vol. 22, No. 2 (Autumn 1991), pp. 306-09.

52. Review of Philip Mirowski, More Heat than Light: Economics as Social Physics, Physics as Nature's Economics in Journal of Economic History, Vol. 51, No. 3 (Sept. 1991), pp. 762-64.

53. Review of Ann Kussmaul, A General View of the Rural Economy of England, 1538-1840 in American Historical Review, February 1992, pp. 191-92.

54. Review of Roderick Floud, Annabel Gregory, and Kenneth Wachter, Height, Health, and History in Victorian Studies, Vol. 35, No. 3 (Spring 1992), pp. 325-26.

55. Review of Arnold Pacey, Technology in World Civilization in Business History Review, Spring 1992, pp. 221-223.

56. Review of Michael Rothschild, Bionomics: The Inevitability of Capitalism in Journal of Economic History, Vol. 52 No 2 (June 1992), pp. 524-25.

57. Review of John Anderson, Explaining Long-term Economic Growth in Australian Economic History Review, Vol. XXXIV, No. 1 (March 1994), pp. 72-73.

58. Review of J-L Rosenthal, The Fruits of Revolution in Annals of the American Academy of Social and Political ciences, Vol. 533 (May 1994), pp. 203-204.

59. "The Global Village and Economic Growth." Reason, May 1993, pp. 64-66.

60. Review of J.L. Van Zanden, The Rise and Decline of Holland's Economy in Journal of Economic History, forthcoming.

61. Comment on Mowery, "The boundaries of the US Firm in R & D." In Daniel Raff and Naomi Lamoureaux, eds., Coordination of Economic Activity within and Between Firms Chicago: University of Chicago Press and NBER, 1995, pp. 176-82.

62. Review of Bruce Mazlish, The Fourth Discontinuity: The Coevolution of Humans and Machines in Journal of Interdisciplinary History, 25 (4), Spring 1995, pp. 644-46.

63. Review of Douglas Fisher, The Industrial Revolution in Journal of Economic Literature, Vol. 32, No. 3 (Sept. 1994), pp. 1270-72.

64. "That Which we call an Industrial Revolution: reply to Cameron," Contention, Vol. 4, No. 1 (Fall 1994), pp. 189-205.

65. "Supplementary Note on 'Economic Growth in a Central Place System' in Herbert Giersch, ed., Urban Agglomeration and Economic Growth Berlin: Springer Verlag, 1995, pp. 117-22.

66. Review of Kirkpatrick Sale, Rebels Against the Future: the Luddites and their War on the Industrial Revolution in Reason, January 1996.

67. "The Irish Potato Famine", Encyclopedia Britannica, 1998.

68. Review of Chris Morash and Richard Hayes, ed., Fearful Realities: New Perspectives on the Famine, in Victorian Studies, Vol. 41, No. 2 (Winter 1998), pp. 319-21.

69. Review of E.A. Wrigley, R.S. Davies, J.E. Oeppen, and R.S. Schofield, English Population History from Family Reconstitution, 1580-1837. In *Journal of Modern History,* Vol. 71, No. 2, June 1999, pp. 455-57.

70. Review of Thomas Sowell, Conquests and Cultures: An International History. New York: Basic Books, 1998, Pp. 493, $ 35.00. Jared Diamond, Guns, Germs and Steel: The Fates of Human Societies. New York: Norton, 1997. $ 27.50 in *Reason,* Dec. 1998, pp. 70-74.

71. Review of David Mowery and Nathan Rosenberg, Paths of Innovation Cambridge: Cambridge University Press, 1998. In *Journal of Economic History* Vol.59 (March 1999), pp.240-242.

72. Review of Arup Maharatna, The Demography of Famines. In *Population and Development Review*, Vol. 25, No. 2 (June 1999) pp. 374-76.

73. Review of Ashish Arora, Ralph Landau, and Nathan Rosenberg eds., Chemicals and Long-Term Economic Growth: Insights from the Chemical Industry. New York: John Wiley & Sons, 1998. In *Journal of Economic Literature,* Vol. 39, No. 1 (March 2001), pp. 161-164.

74. Review of J.M. Blaut, Eight Eurocentric Historians. New York: The Guilford Press, 2000. In *Journal of Economic History*, Vol. 61, No. 2 (June 2001), pp. 583-584.

75. Review of Julian Simon, The Great Breakthrough and its causes in *Population and Development Review*, Vol. 27, No. 3 (Sept. 2001), pp. 596-98.

76. Review of Vernon Ruttan, Technology, Growth and Development, in *Journal of Economic History,* June 2002, pp. 272-74.

77. Review of Michael Wintle, An Economic and Social History of the Netherlands, 1800-1920: Demographic, Economic and Social Transition in *Journal of Modern History*, Vol. 75, No. 3, (Sept. 2003), pp. 713-15.

78. Review of Liliane Hilaire-Pérez, L'Invention Technique au Siècle des Lumières. *Journal of Economic History*, Dec. 2002, pp. 1146-48.

79. Review of Alexander J. Field, Altruistically Inclined? The Behavioral Sciences, Evolutionary Theory, and the Origins of Reciprocity. *Journal of Economic history,* March 2003, pp. 298-300.

80. Review of David Ormrod, The Rise of Commercial Empires: England and the Netherlands in the Age of Mercantilism, 1650-1770. *Journal of Interdisciplinary History* Vol. XXXV, No. 1 (2004), pp. 125-27.

81. Review of J.W. Schot, A. Rip and H.W. Lintsen, eds., Techniek in Nederland in de Twintigste Eeuw Vol. VII: "Techniek en Modernisering: Balans van de Twintigste Eeuw." Zutphen: Walburg Pers, 2003, *Tijdschrift voor Sociale en Economische Geschiedenis*, Vol. 1, No. 1 (2004), pp. 154-56.

82. Review of John Landers, The Field and the Forge: Population, Production, and Power in the Pre-Industrial West, in *Journal of Interdisciplinary History*, Vol. 36, No. 2, (2005) pp. 246-248.

83. Review of Robert Friedel *A Culture of Improvement: Technology and the Western Millennium*. Cambridge, MA: MIT Press, 2007. In *Journal of Interdisciplinary History*, Spring 2009, Vol. 39, No. 4, pp. 565-567.

84. Review of Cormac Ó Gráda, Richard Paping and Eric Vanhaute (eds), *When the Potato Failed: Causes and Effects of the last European Subsistence Crisis, 1845-1850* (Brepols, 2007), in *Agricultural History*, forthcoming 2009.

85. Review of Jared Diamond and James A. Robinson, eds., *Natural Experiments of History* (Harvard University Press, 2010), in *American Historical Review*, June 2011, pp 752–55.

86. Review of Vaclav Smil, *Prime Movers of Globalization* (MIT Press, 2010), in *Journal of Economic History,* Volume 72, Issue 01 (March 2012), pp 278-280.

87. Review of Deirdre McCloskey, *Bourgeois Dignity*: *Why Economics Cannot Explain the Modern World* (University of Chicago Press, 2010) in *Journal of Modern History*, Vol. 84, No. 2, (June 2012), pp. 453-456

88. Review of Prasannan Parthasarathi, *Why Europe Grew Rich and Asia did not: Global Economic Divergence, 1600-1850.* Cambridge: Cambridge University Press , 2011. Reviewed on EH.Net, 2012.

89. Review of Daniel Cohen, *The Prosperity of Vice: a Worried View of Economics* in *Journal of Economic Literature* , 2012 Volume 50, Number 4, December 2012, pp. 1140-1142.

90. Review of Jan Vijg, *The American Technological Challenge*. Reviewed on EH.Net, 2013

91. Review of Carl Mosk, *Nationalism and Economic Development in Modern Eurasia.* Reviewed on EH.Net, 2013.

92. Review of Jack Goody, *Metals, Culture, and Capitalism* in *Journal of Economic History,* Volume 74, Issue 02, June 2014, pp 644-646.

93. Review of Maarten Prak and Jan Luiten van Zanden, eds., *Technology, Skills, and the Pre-Modern Economy in the East and West* in *International Review of Social History*, Vol. 59 (Dec. 2014), pp. 505-508.

94. Review of Calestous Juma, *Innovations and its Enemies: Why People Resist New Technologies* in *Journal of Economic History* Volume 77, Issue 3, September 2017 , pp. 968-970 and EH.Net, 2017.

95. Review of Jared Rubin, Rulers, Religion, and Riches: *Why the West got Rich and the Middle East Did Not*. New York: Cambridge University Press, 2017 Reviewed on EH.Net, 2017.

Working and Discussion Papers (unpublished)

1. "Love and Life Among the Potatoes: An Analysis of Demographic and Economic Factors in Prefamine Ireland," unpublished manuscript.

2. "A Statistical Reconstruction of a Pre-industrial Micro-economy," Northwestern University, February 1980. (with Cormac O'Grada). Presented to the Annual Conference of Quantitative History (Cliometrics), May 1980.

3. "The Height of East India Army Recruits, 1800-1815," (with Cormac Ó Gráda) 1985. Presented to the Social Science History Association Meeting, St. Louis, 1985.

4. "The Industrial Revolution and the Modern Economist," presented to plenary meeting of the Economic History Society, Belfast, 1987.

5. "Dutch Manufacturing and Trade during the French Period in a Long-term Perspective." To be presented at the tenth World Congress of Economic History, Leuven, Belgium, Aug. 1990 (with Eric Buyst).

6. "Progress and Inertia in Technological Change," prepared for a special conference in honor of R.M. Hartwell, Charlottesville Oct 12-13, 1990.

7. "Technological Inertia in Economic History" presented to the Annual Meeting of the Economic History Association, Boulder Co., Sept. 1991.

8. "Mortality, Technology, and Economic Growth 1750-1914: A Suggested Reinterpretation." Incomplete Manuscript, 140 pp. as of June 1993.

9. "Evolution and Technological Change: a new Metaphor for Economic History?" Presented to a Conference on "Technological Change," Oxford, Sept. 7-10, 1993.

10. "Technological Selection, Information and Changing Household Behavior, 1850-1914" Presented to a workshop on Technical Change, Gargonza, Italy, July 1994. Revised version, Dec. 1994.

11. "Height and health in the United Kingdom 1815-1860: Evidence from the East India Company Army," joint with Cormac Ó Gráda, submitted for publication.

12. "The Most Valuable Invention in History," Lecture 1 in the Harold A. Innes Centenary Lectures, Univ. of Toronto, Dec. 1, 1994.

13. "Technology, Darwin, and the Economists," Lecture 2 in the Harold A. Innes Centenary Lectures, Univ. of Toronto, Dec. 2, 1994.

14. "Famine Disease and Famine Mortality: lessons from the Irish Experience, 1845-1850." Presented to the International Conference on Hunger, Ireland House, New York University, May 19-21, 1995.

15. "Ounces of Prevention: Consumer Demand and the Great Mortality Decline, 1870-1914." Inaugural lecture, Northwestern University College of Arts and Sciences, April 27, 1995.

16. "Innovation and Its Enemies: The Economic and Political Roots of Technological Inertia", Prepared for the NCAER and IRIS conferences on Achieving India's Full Potential, New Delhi-Madras-Calcutta, January 1996.

17. "Induced Technical Innovation and Medical History: an Evolutionary Approach" Presented to the NSF Conference on Induced Innovation, Laxenburg, Austria, June 26-28, 1997.

18. "Darwin and the Wealth of Nations: What can Economists Learn from the Theory of Evolution," Schrage Memorial Lecture, October 1996.

19. "Innovation and Selection in Evolutionary Models of Technology: Some Definitional Issues". Prepared for the Conference on Evolutionary Models in Technology, Jan. 9-12, 1997, Oxford, England. Revised, July 1997.

20. "The Political Economy of Technological Change: Resistance and Innovation in Economic History" presented to a Conference on Technological change, Oslo, Aug. 1996. To be published in 1998.

21. "Invention and Rebellion: Why do Innovations Occur at all? An Evolutionary Approach." Presented to a Conference on Minorities and Economic growth, Bar Ilan University, Israel, June 2-5, 1997.

22. "Induced Technical Innovation and Medical History: an Evolutionary Approach" Presented to the IIASA Conference on Induced Technological change, Vienna, June 27-29, 1997.

23. "Famine Disease and Famine Mortality: lessons from the Irish Experience, 1845-1850" Presented to the World Clio Conference, July 10, 1997, revised Aug. 1999, (with Cormac Ó Gráda).

24. "Science, Technology, and Knowledge: What Historians can learn from an evolutionary approach." *Max Planck Institute on Evolutionary Economics Working Papers* 9803, 1998.

25. "Knowledge, Technology, and Economic Growth During the Industrial Revolution." Unpublished working paper presented to the Conference on Productivity and Standards of living, Groningen, Sept. 1998.

26. "King Kong and Cold Fusion: Counterfactual analysis and the History of Technology" March 1999, rev., June 2000.

27. "Tales of Technology and Evolution: Three Industrial Revolutions."

28. "Useful Knowledge as an Evolving System: the view from Economic history". Presented to the Conference on "The Economy as an Evolving System" in honor of Kenneth J. Arrow, Santa Fe, Nov. 16-18, 2001.

29. "Culture, Selection Criteria, and Economic Performance" Presented at the American Economic Association meetings, Atlanta, Jan. 7, 2002.

30. "Knowing about the Genome: a Historical Perspective." Presented to a Conference on "The Human Genome Project: Expanding the Conversation" (St Louis, Jan. 28, 2002), with Margalit B. Mokyr.

31. "Thinking about Technology and Institutions" presented at the Macalester International College Roundtable, "*Prometheus's Bequest: Technology and Change,*" October 2002.

32. "The Enduring Riddle of the *European Miracle:* a Suggested Interpretation" to be presented to an all UC Economic history Conference, Riverside, Nov. 2002.

33. "Mercantilism, the Enlightenment, and the Industrial Revolution," Presented to the Conference in Honor of Eli F. Heckscher, Stockholm, May 2003.

34. "Mobility, Creativity, and Technological Development: a discussion of the Hume-Kant Hypothesis." To be presented to the German Association of Philosophy annual Meeting, Berlin, Sept. 2005.

35. "The Market for Ideas and the Origins of Economic Growth in Eighteenth Century Europe" presented to a Conference on "Institutions and the Economy: Historical Perspectives" sponsored by the British Academy, June 2006.

36. "The Rate and Direction of Invention in the British Industrial Revolution: Incentives and Institutions," with Ralf R. Meisenzahl. Presented to the NBER - Kauffman Foundation conference on the Rate and Direction of Technological change, Dana Pt. CA., July 2009.

37. "The Cultural Origins of the Industrial Revolution." Presented to the World Congress of Economic History, Utrecht, August 2009.

New Courses Developed:

Economics C-22, "Fact and Theory in Modern Economic History," taught in Winter 1976, Summer and Fall 1976, Winter 1977, and Winter 1978.

Economics C-15, "Classical Problems in Economic History," taught in Winter 1984, 85, 86, 88, 90.

Economics C34, "Business and Government." Taught fall 1991, fall 1992.

History C75, "Technology: Society, History, Economy" developed jointly with Ken Alder, first taught Winter 1994.

History C37: History of Europe, 1815-1945. Taught since 2001.

Graduate Students supervised (chair or co-chair only):

John V. Nye, thesis completed in 1985, placed at Washington University (tenured).

Richard Szostak, thesis completed in 1985, placed at the University of Alberta, Edmonton (tenured).

Carolyn Tuttle, thesis completed in 1986, placed at Lake Forest College (tenured)

John F. Hughes, thesis completed in 1986, placed at Drake University (deceased).

Martha W. Williams, thesis completed in 1987, placed at Kent State University.

Akira Motamura, thesis completed in 1992, placed at Stonehill College (tenured).

Avner Greif, thesis completed in 1989, placed at Stanford University (tenured).

Paul Huck, thesis completed in 1992, placed at Wake Forest University, now at the Federal Reserve Bank of Chicago.

Daniel Shiman, thesis completed in 1992, placed at S.U.N.Y., Oswego, now at FCC.

Lynne Kiesling, thesis completed, placed at College of William and Mary, now at Purdue University.

Anand Swamy, thesis completed, placed at Williams College (tenured)

Charles Miles, thesis completed

Joyce Burnette, thesis completed, placed at Wabash College (tenured).

Simone Wegge, thesis completed, placed at SUNY Staten Island (tenured).

Carolyn Moehling, thesis completed, placed at Yale University, tenured at Rutgers University.

Maristella Botticini, thesis completed, placed at Boston University (tenured)

Ben Chabot, thesis completed, placed at the University of Michigan, now at the Federal Reserve of Chicago.

Thomas Geraghty ,thesis completed, placed at University of North Carolina

Oded Bizan, thesis completed, placed at Analytics Consulting.

Peter Meyer, thesis completed, placed at the Bureau of Labor Statistics.

Hillary Lieb, thesis completed, placed at Northwestern.

Jason Long, thesis completed, placed at Colby College, now at Wheaton College (tenured)

James Stewart, thesis completed, placed at Reed College

Mauricio Drelichman, thesis completed, placed at the University of British Columbia (tenured)

Lyndon Moore, thesis completed, placed at Melbourne University (tenured)

Ran Abramitzky, thesis completed, placed at Stanford University (tenured)

Fabio Braggion, thesis completed, placed at the University of Tilburg (tenured)

Jeffrey Wood, in progress, placed at Walgreen Corporation

Kripa Freitas, thesis completed, placed at the University of Texas, Austin.

Marianne Wannamaker, thesis completed, placed at the University of Tennessee (tenured).

John Parman, thesis completed, placed at the College of William and Mary.

Gergely Baics (History department), thesis completed, placed at Barnard College (tenured).

Tuan-Hwee Sng, thesis completed, placed at New University of Singapore.

Nicholas Ziebarth, thesis completed, placed at the University of Iowa, now at Auburn.

Christopher Vickers, thesis completed, placed at Auburn University.

Yannay Spitzer, thesis completed, placed at the Hebrew University of Jerusalem.

Jose Espin, thesis completed, placed at Yale University.

Anthony Wray, thesis completed, placed at Hitotsubashi University, Tokyo, now at University of Southern Denmark.

Marlous van Waijenburg, in progress (History department), placed at Society of Fellows, University of Michigan.

Ludovico Zaraga, thesis completed, placed at the Canada Pension Plan Investment Board

Ariell Zimran, thesis completed, placed at Vanderbilt University.

Natalya Naumenko, thesis completed, placed at Brown University.

Aniket Pajwani, in progress

Heyu Xiong, in progress.

Yiling Zhao, in progress.

Luca Bittarello, in progress

Riccardo Marchingiglio, in progress

Yutaro Izumi, in progress

Jamie Daubenspeck, in progress

Graduate Students advised at other Universities

Jeffrey Tang, University of Pennsylvania

Alessandro Nuvolari, Eindhoven Technological Institute

Arthur Abramov, University of Haifa

Haggay Etkes, Hebrew University of Jerusalem.

Hamza Yilmaz, University of Chicago

Pavel Jelnov, Tel Aviv University

Ron Sarig, Tel Aviv University

James Dowey, LSE

Michael Andrews, University of Iowa

Prateek Raj, University College London